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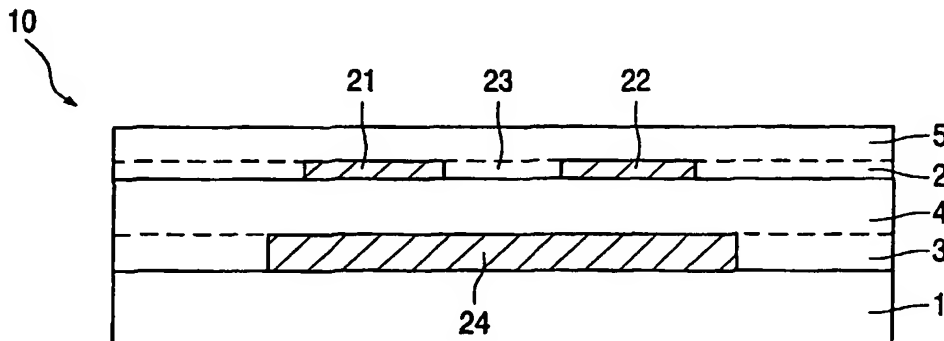
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(54) Title: ELECTRONIC DEVICE, METHOD, MONOMER AND POLYMER



(57) Abstract: The electronic device of the invention comprises one or more active elements, each comprising a first and a second electrode and an active layer of organic material separating the first and second electrodes. Examples of active elements are thin-film transistors and light-emitting diodes. The active layer comprises a polymeric material having conjugated units A and non-conjugated intermediate units B, which intermediate units B separate the conjugated units A from each other, such that no conjugation extends from a first conjugated unit A1 to a second conjugated unit A2. The polymeric material may be a polymer network, an alternating copolymer or a polymer in which the conjugated units are present in side chains. The polymer can be prepared from monomers having a B1-A1-B2 structure, wherein at least one of B1 and B2 comprises a reactive group enabling polymerization.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L51/50 H01L27/28 H01L51/30 C09K11/06 C08G61/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L C09K C08G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 599 899 A (OSAHENI JOHN A ET AL) 4 February 1997 (1997-02-04) column 3, line 42 -column 4, line 5 ---	1,3,6-8
X	WO 94 15368 A (HERREMA JAN ;GILL RICHARD (NL); UNIV GRONINGEN (NL); WIERINGA REIN) 7 July 1994 (1994-07-07) abstract; figure 4 ---	1,3,5-8
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Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 03/01062

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